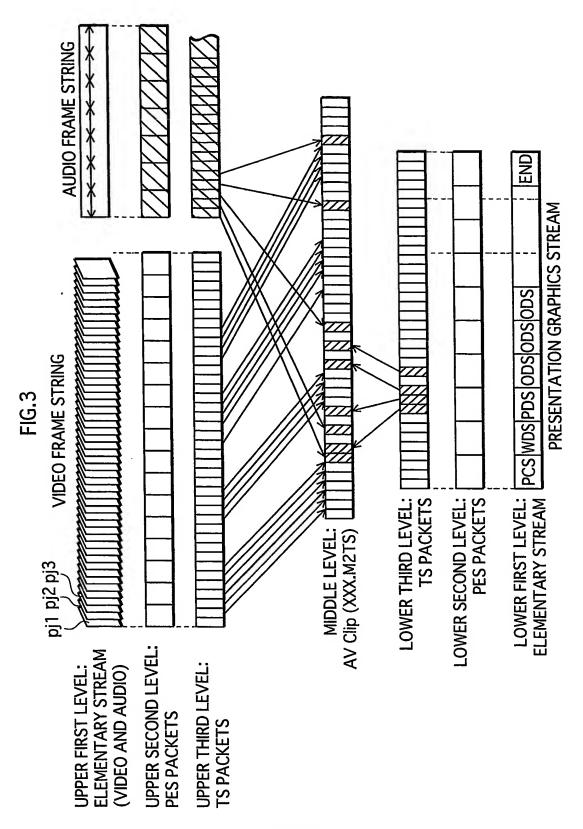
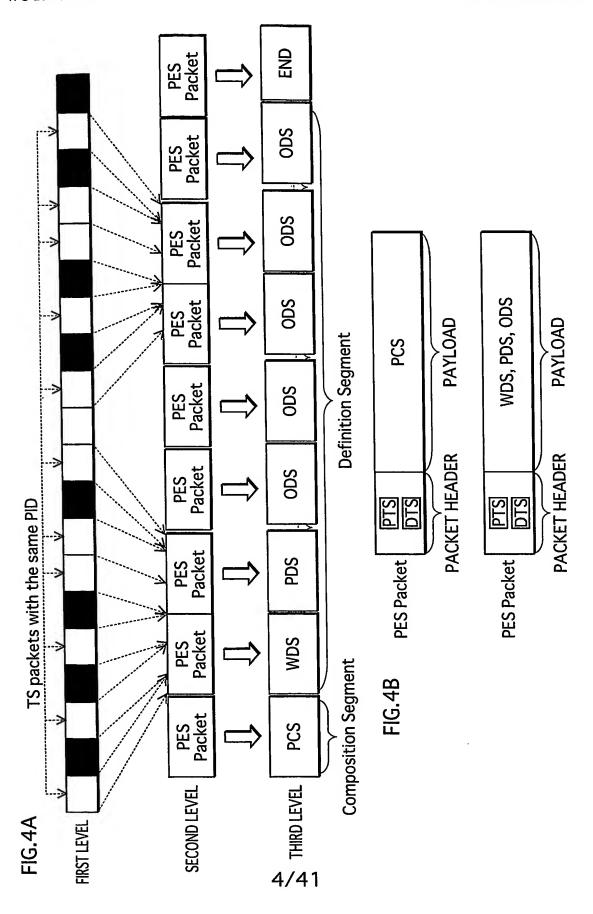
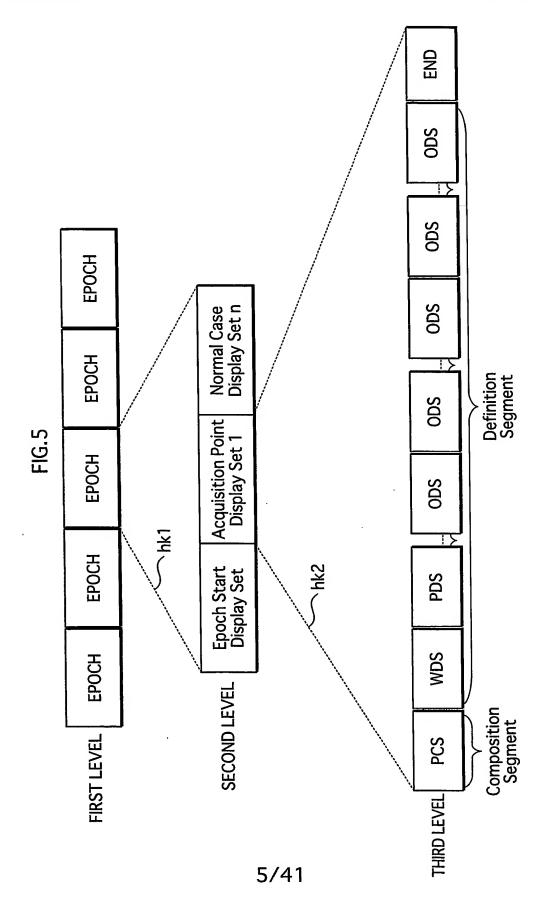
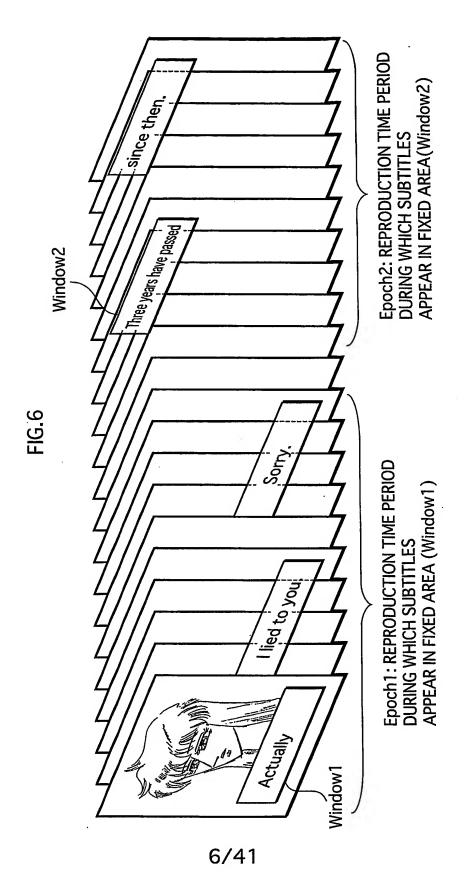


2/41









## FIG.7A

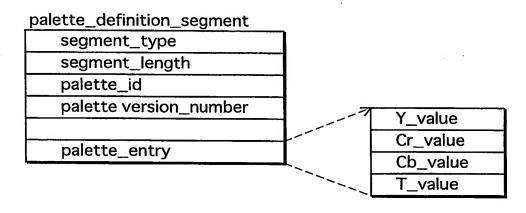
object\_definition\_segment

segment\_type
segment\_length
object\_id
object\_version\_number
last\_in\_sequence\_flag

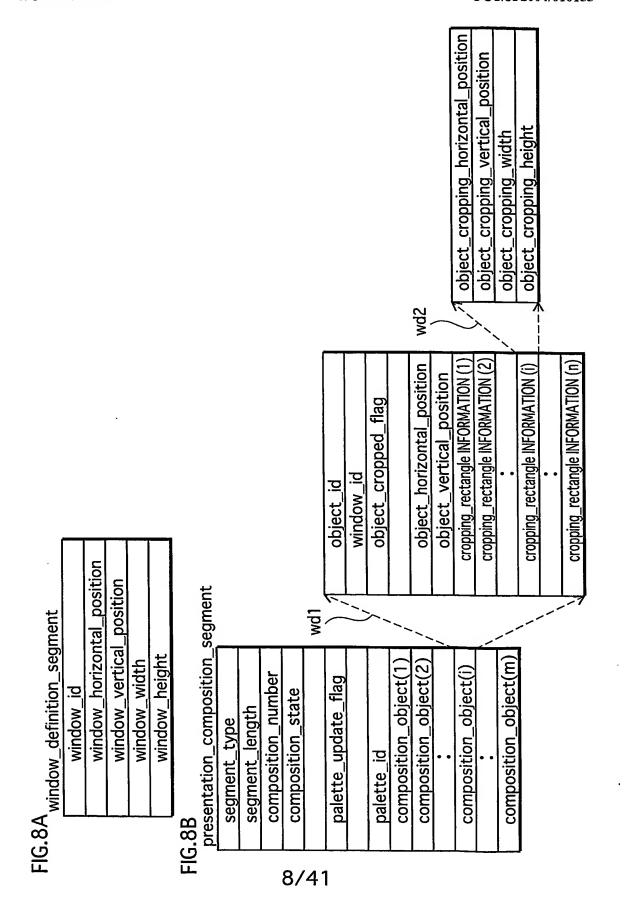
object\_data\_fragment

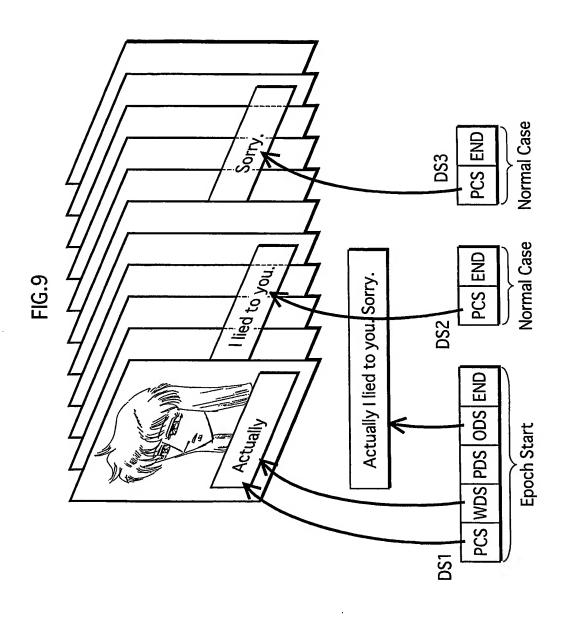
COMPRESSED
GRAPHICS OBJECT

## FIG.7B



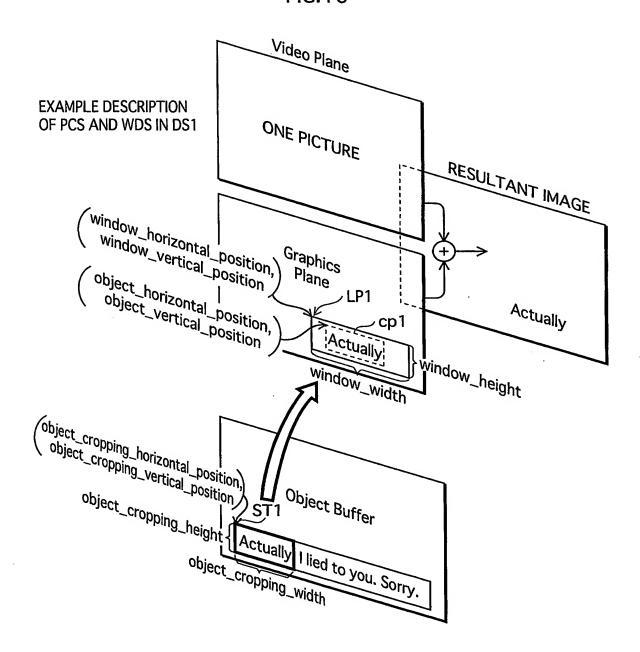
WO 2005/006747





. .

FIG.10



**FIG.11** 

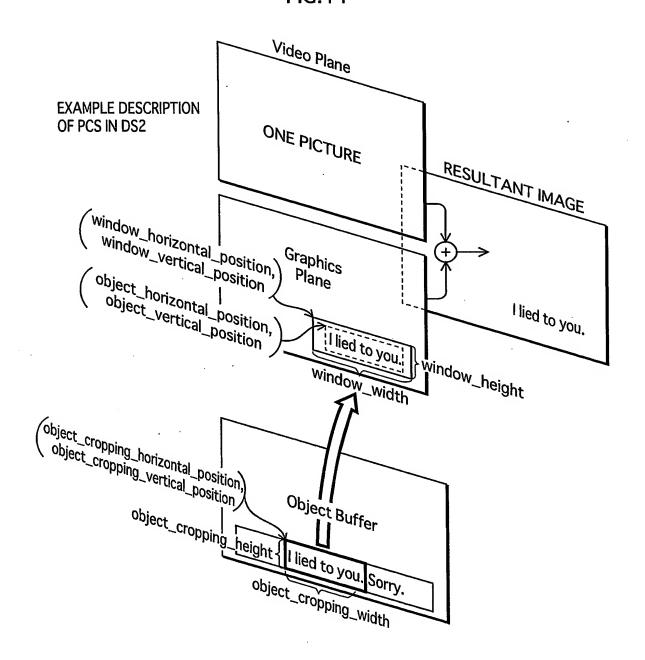
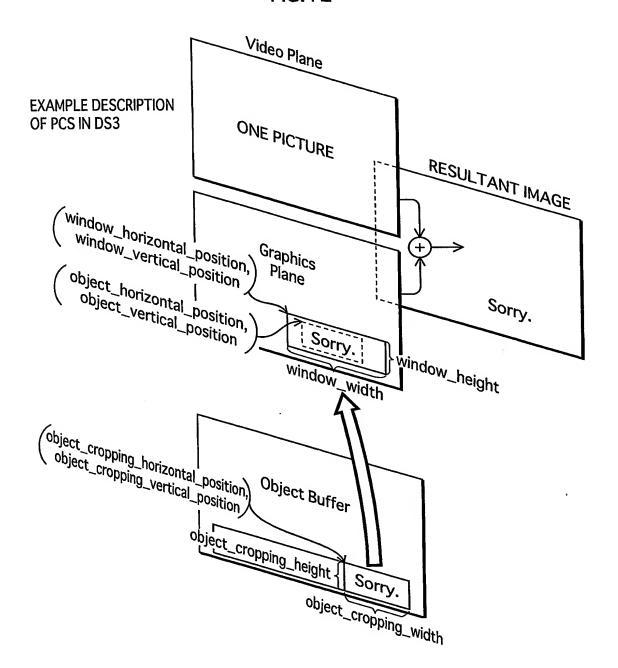
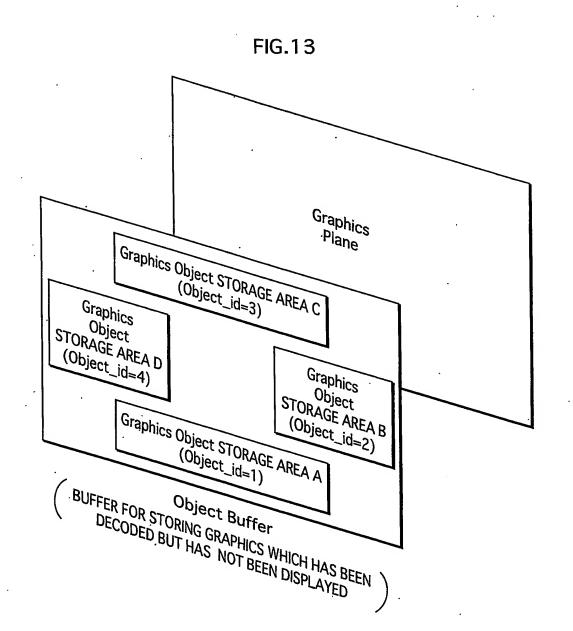
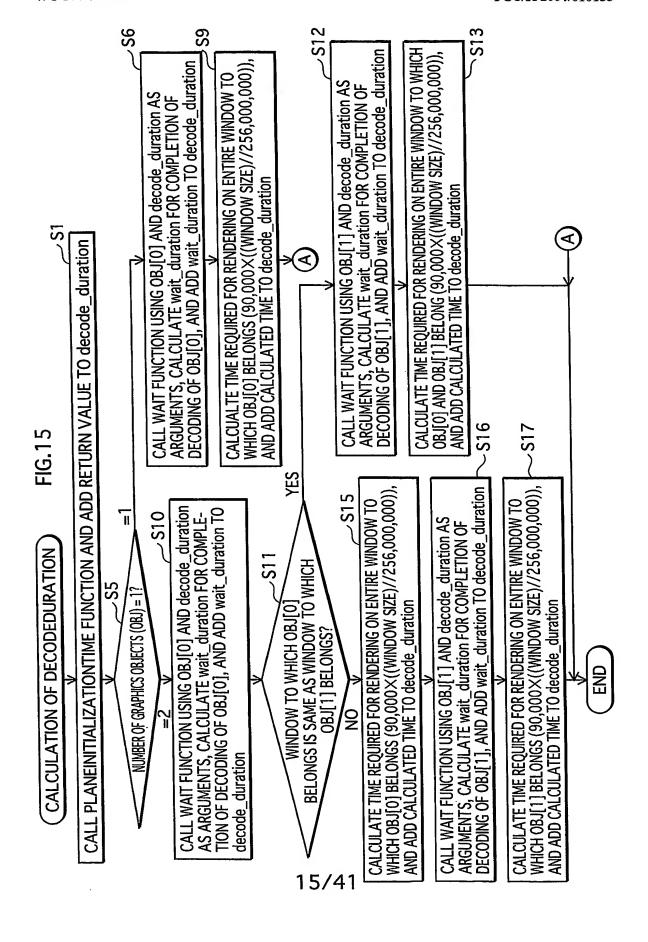


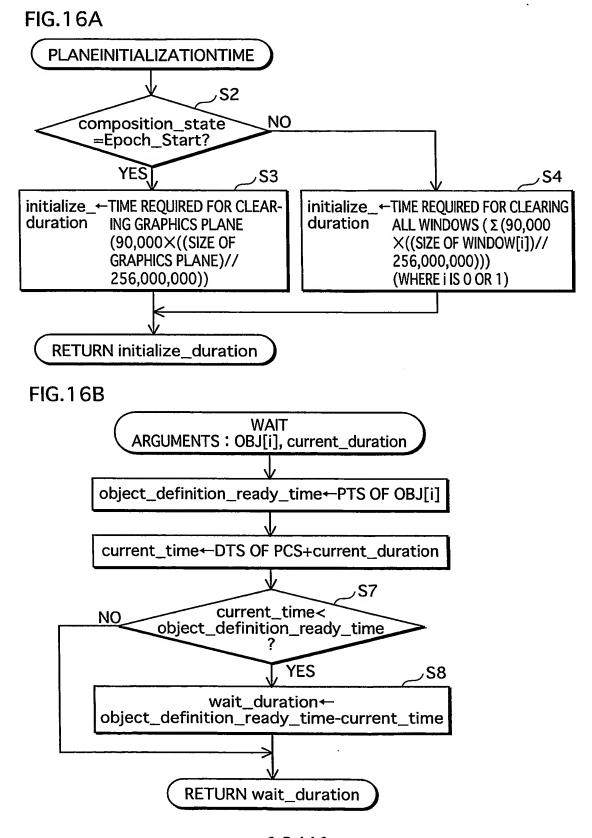
FIG.12



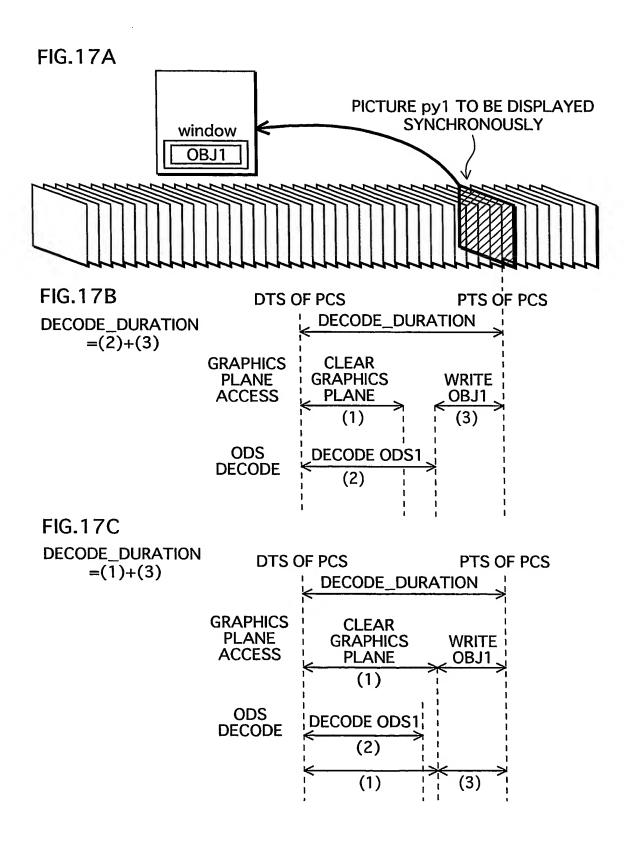


```
FIG. 14<sub>PTS</sub>(DSn[PCS)])>=DTS(DSn[PCS])+DECODEDURATION(DSn)
Where:
       DECODEDURATION(DSn) is calculated as follows:
    decode_duration = 0:
    decode_duration += PLANEINITIALIZATIONTIME( DSn );
    if( DSn. PCS. num_of_objects == 2 )
        decode_duration += WAIT( DSn, DSn. PCS. OBJ[0], decode_duration );
        if( DSn. PCS. OBJ[0], window id == DSn. PCS. OBJ[1], window_id )
                decode_duration += WAIT( DSn, DSn. PCS. OBJ[1], decode_duration );
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[0]. window_id)//256*10^6);
        else
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[0], window_id)//256*10^6);
                decode duration += WAIT( DSn. DSn. PCS, OBJ[1], decode duration );
                decode_duration += 90000*(SIZE(DSn. PCS. OBJ[1]. window_id)//256*10^6);
    else if( DSn. PCS. num_of_objects ==1 )
        decode duration += WAIT( DSn, DSn, PCS, OBJ[0], decode duration );
        decode_duration += 90000^{\circ} (SIZE(DSn. PCS. OBJ[0]. window_id)//256*10<sup>6</sup>);
    return decode duration;
        PLANEINITIALIZATIONTIME( DSn ) is calculated as follows:
    initialize duration=0:
    if( DSn. PCS. composition_state= = EPOCH_START )
       initialize_duration = 90000*(8*video_width*video_height//256*10<sup>6</sup>);
     else
     {
        for (i=0; i < WDS. num_windows; i++)
                if( EMPTY(DSn.WDS.WIN[i],DSn ) )
                      initialize_duration += 90000*(SIZE(DSn. WDS. WIN[i])//256*10^6);
     return initialize_duration;
        WAIT( DSn. OBJ. current duration ) is calculated as follows:
     wait_duration = 0:
     if(EXISTS(OBJ. object_id, DSn))
         object_definition_ready_time = PTS( GET( OBJ. object_id. DSn ) );
         current_time = DTS( DSn. PCS )+current_duration;
         if( current_time < object_definition_ready_time )</pre>
                wait duration += object definition ready time - current time);
     return wait_duration;
                                      14/41
```

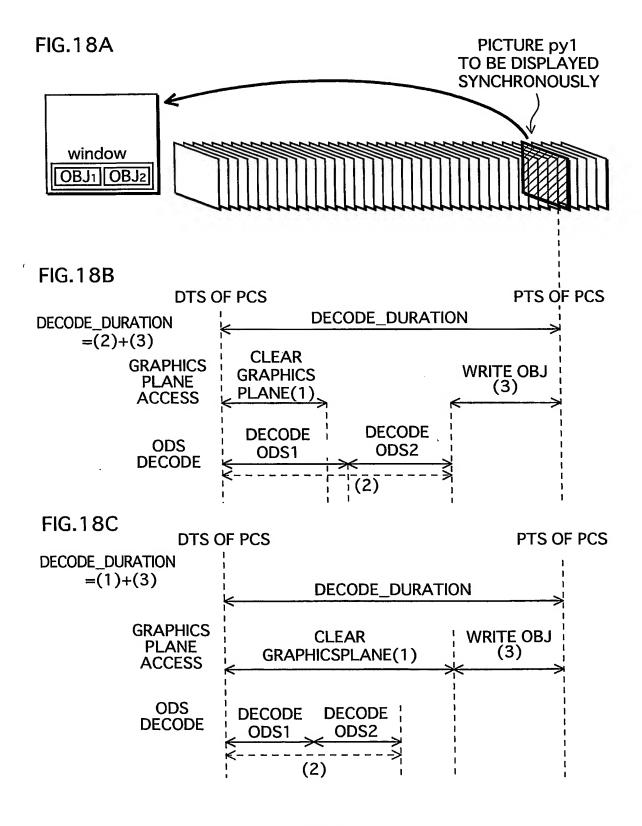


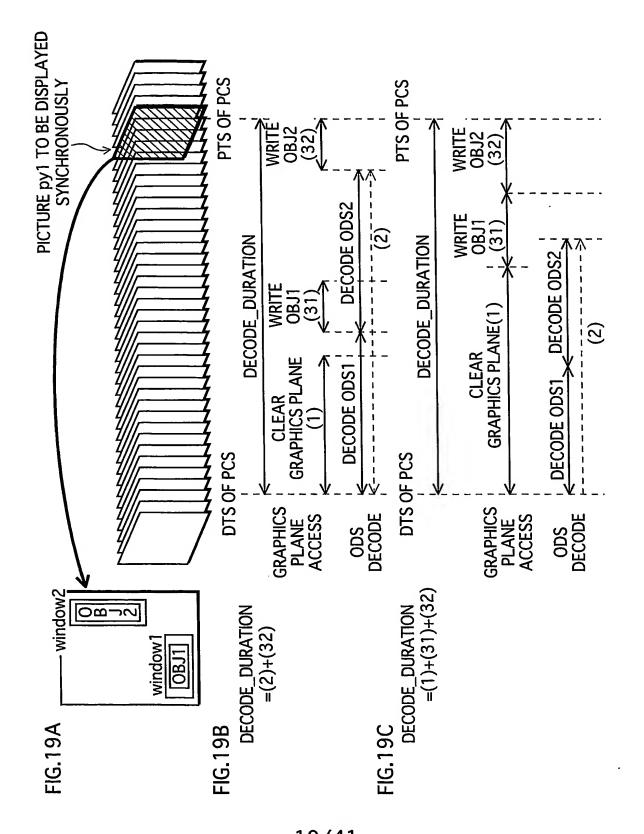


16/41



17/41

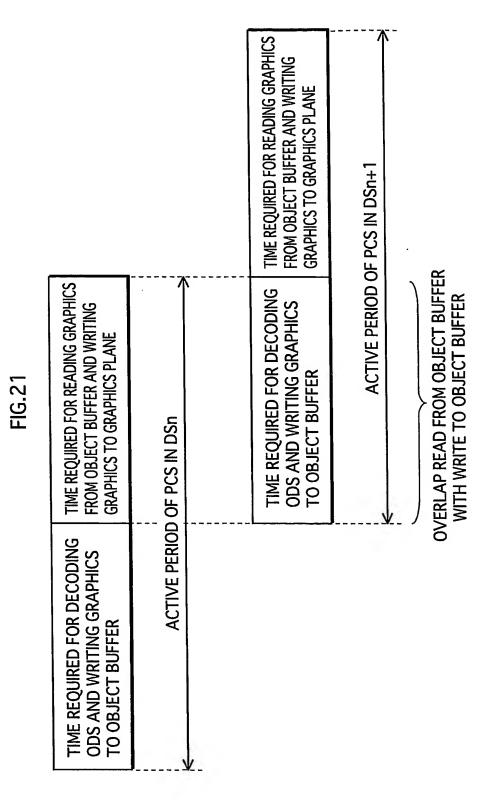




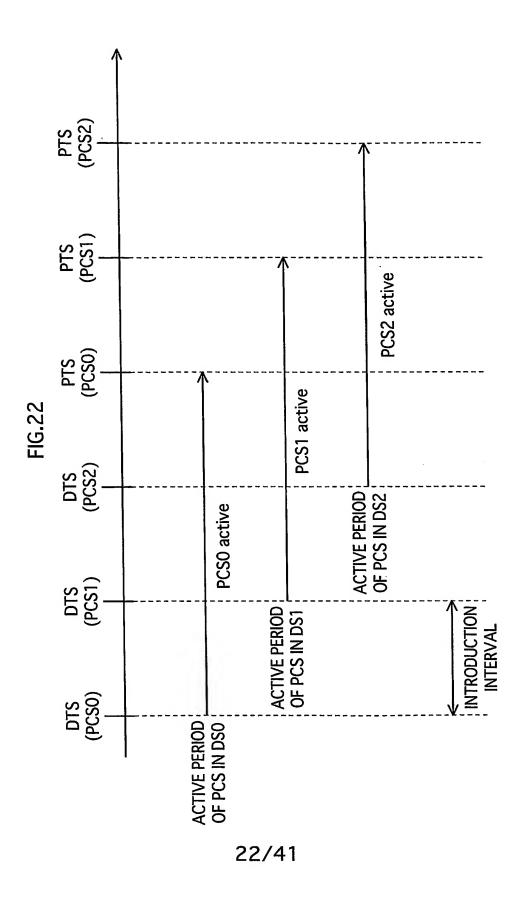
19/41

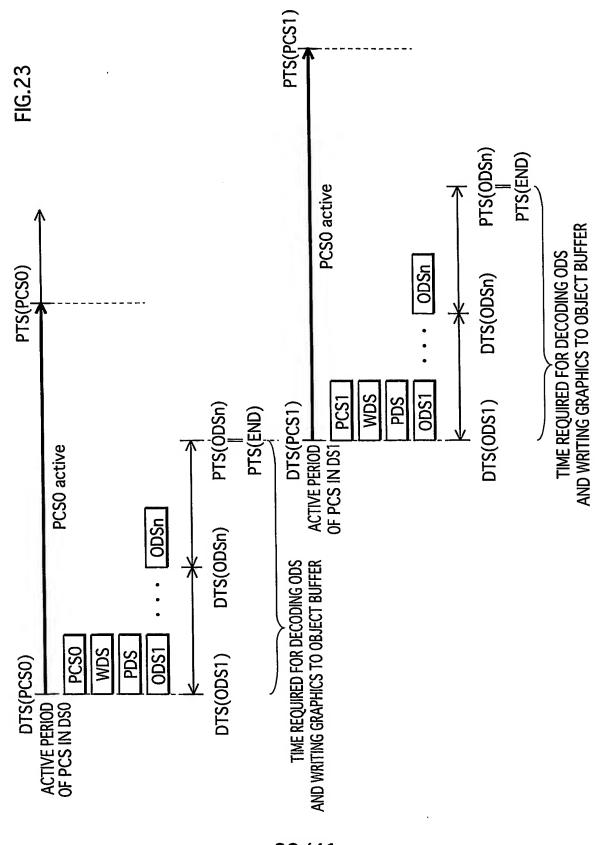
FIG. 20

TO OBJECT BUFFER	GRAPHICS TO GRAPHICS PLANE
ACTIVE PERI	ACTIVE PERIOD OF PCS IN DS

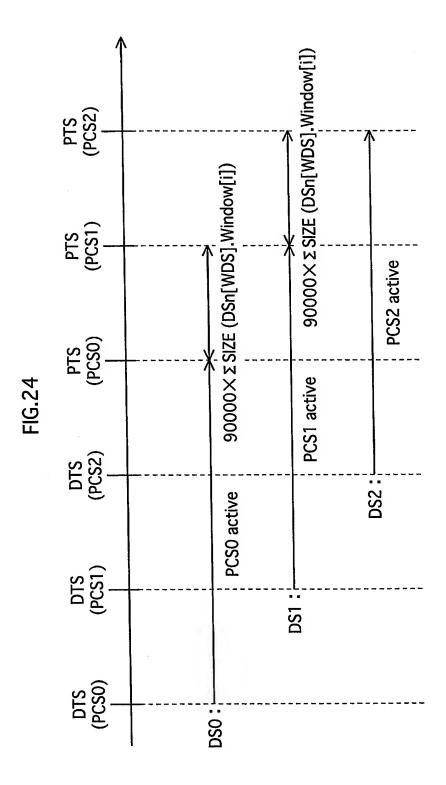


21/41

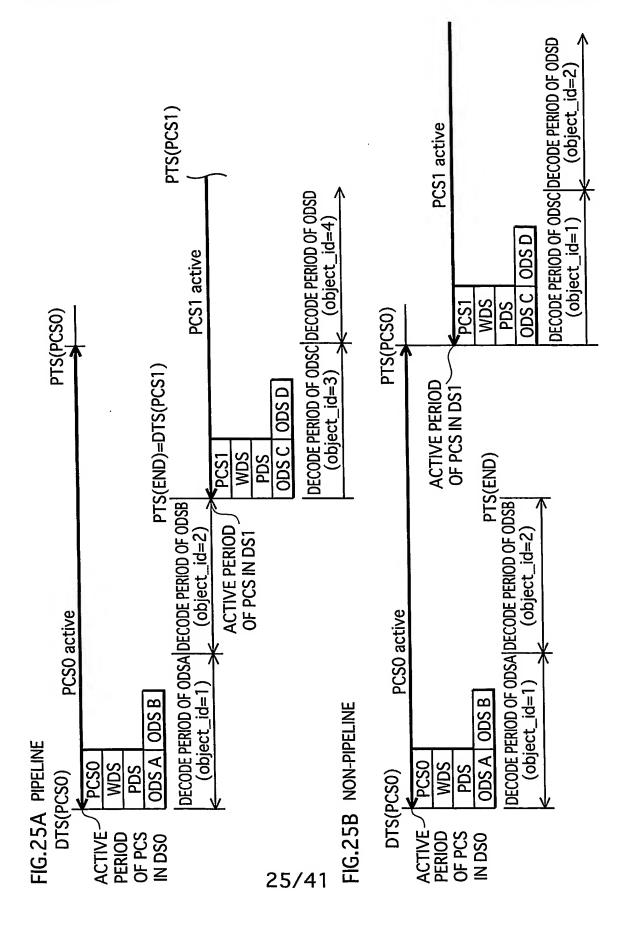




23/41



24/41



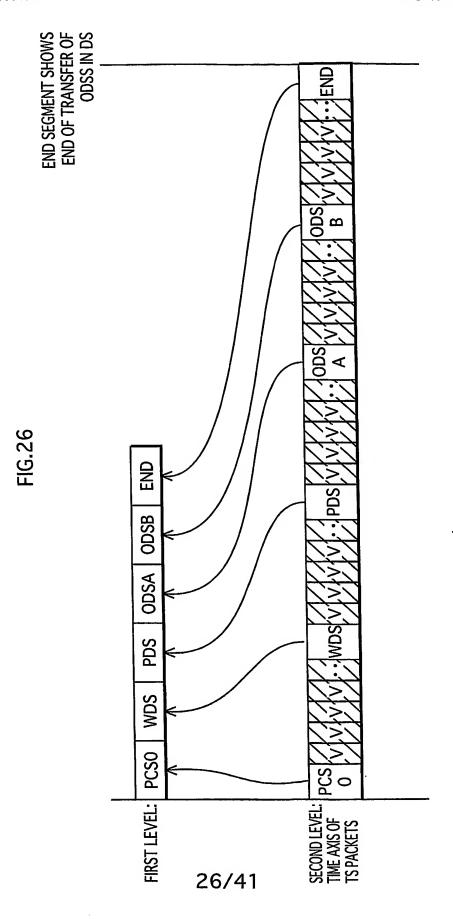


FIG.27A SCREEN COMPOSITION

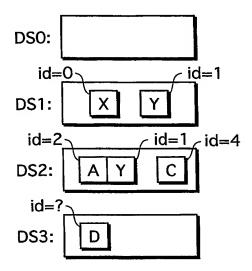


FIG.27B ACTIVE PERIOD OVERLAPPING AND ODS TRANSFER

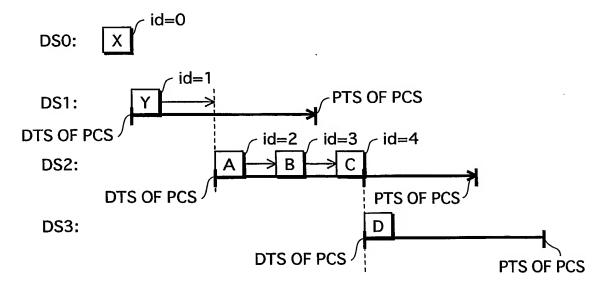
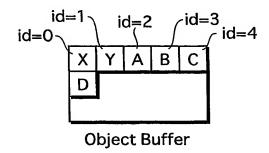
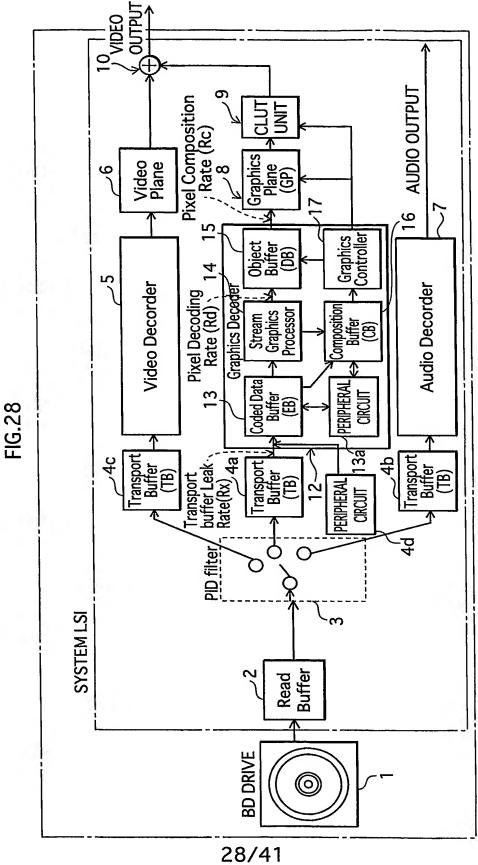
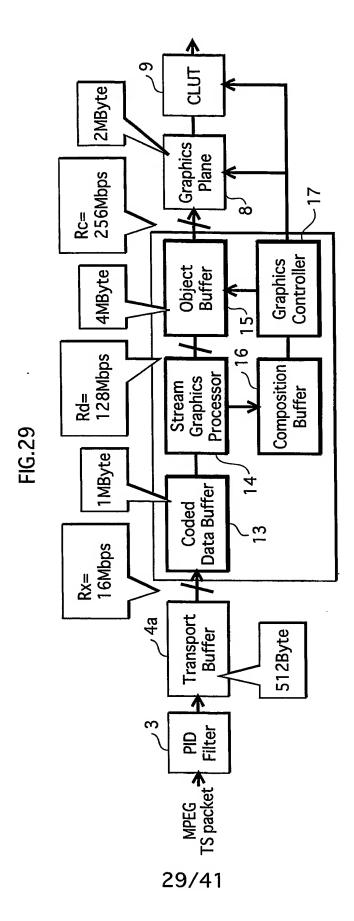
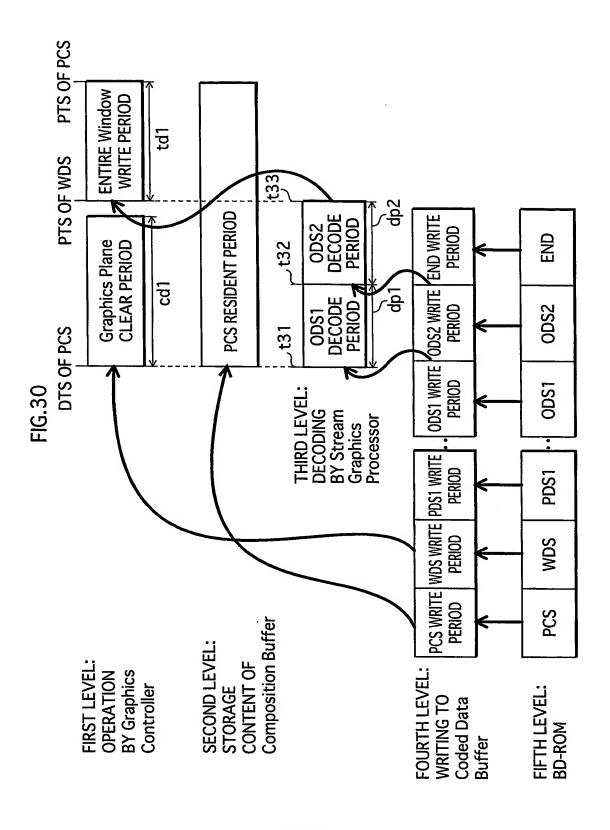


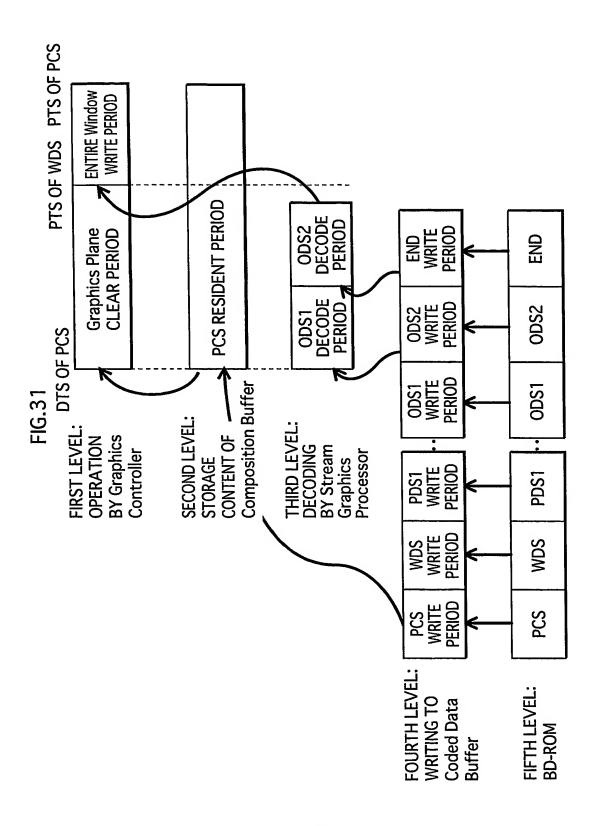
FIG.27C ARRANGEMENT IN OBJECT BUFFER











31/41

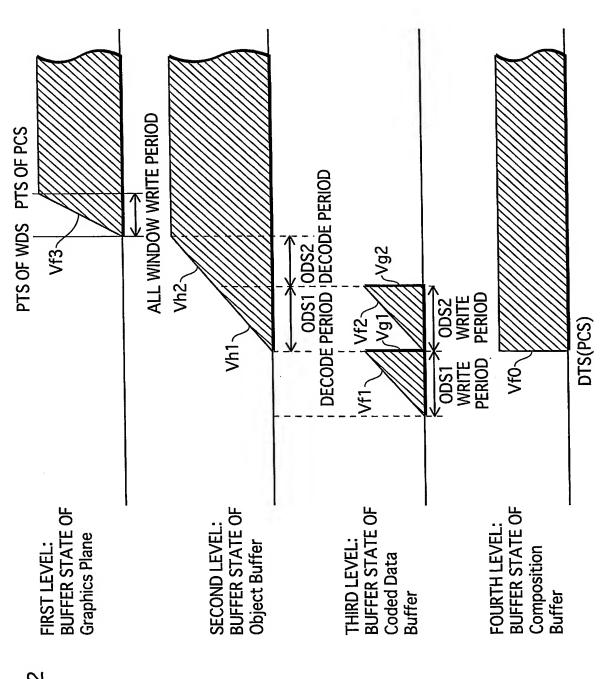
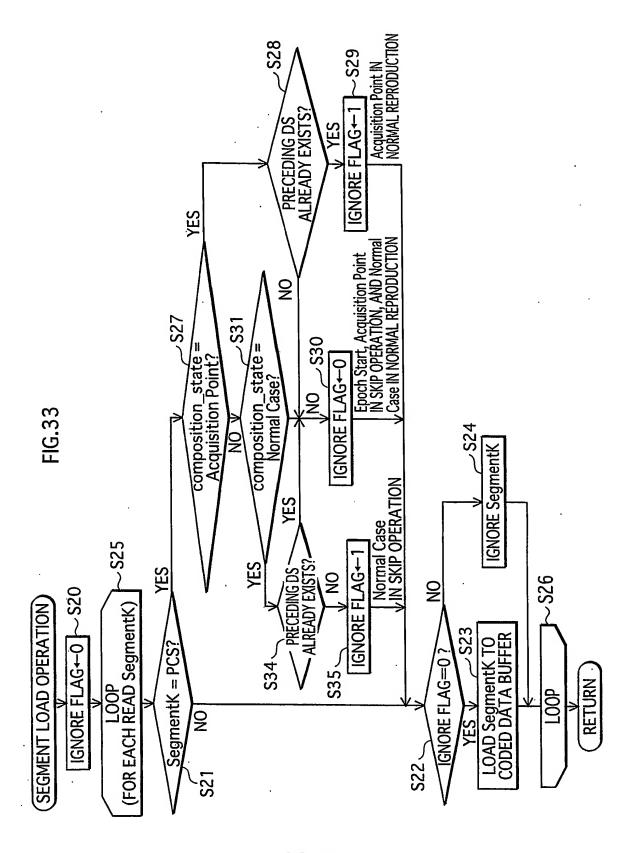
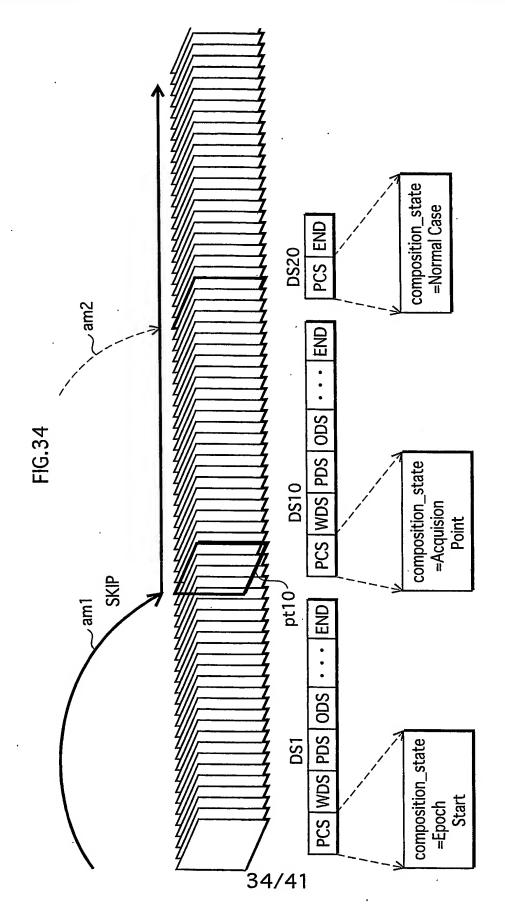
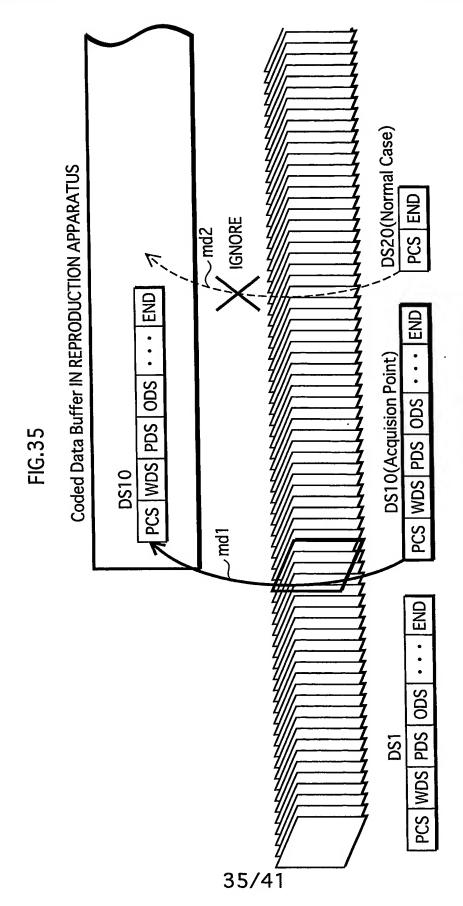


FIG.32



33/41





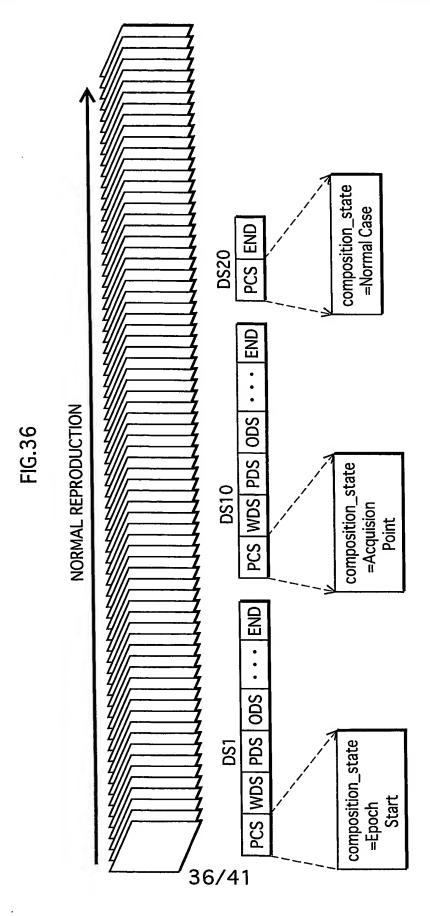
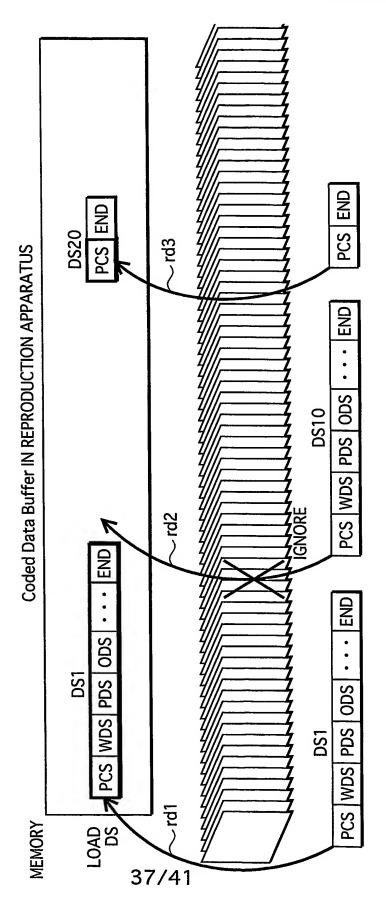
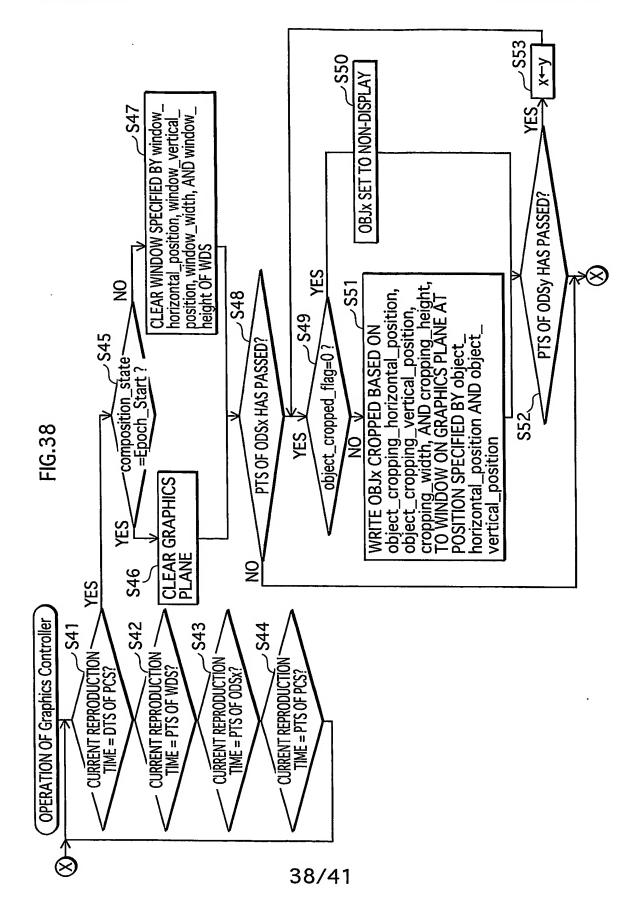


FIG.37





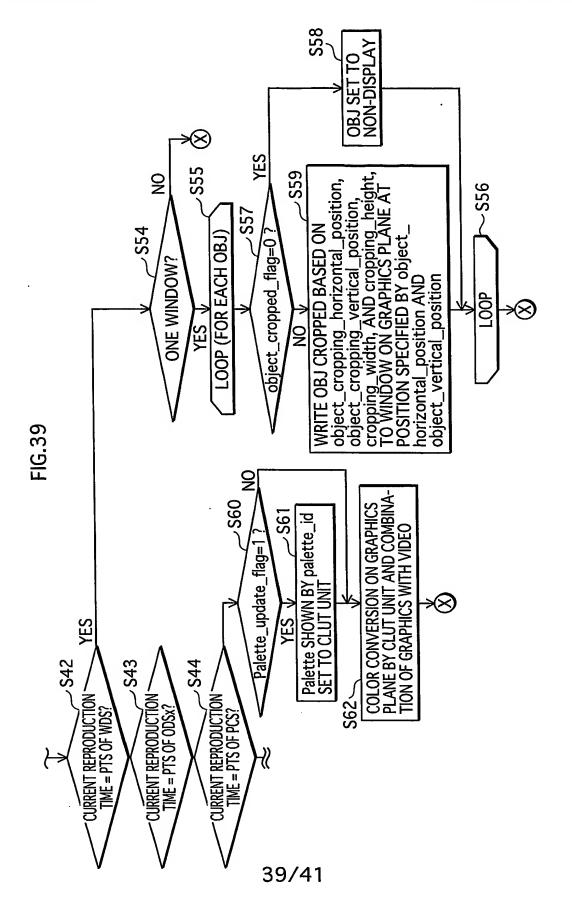


FIG.40

